

ABSTRACT

A fullerene mixture comprising any two or more of C₆₀, C₇₀ and higher fullerenes having greater than 70 carbon atoms is brought into contact with an amine having two or more nitrogen atoms, especially an amine having an amidine structure, in a solvent to form a complex of a specific fullerene contained in the fullerene mixture and the amine, and the complex is separated from a solution in which fullerenes not forming the complex are dissolved. Consequently, a method of fullerene separation, by which the specific fullerene is separated from the fullerene mixture with ease and at low cost, and the complex having the fullerene can be provided.